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PTO/SB/21 (09-04)

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/783,316
Filing Date	February 20, 2004
First Named Inventor	Rajagopalan, Nagarajan
Art Unit	1762
Examiner Name	To Be Assigned
Total Number of Pages in This Submission	A8457/T51300

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> Return Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Appendix: Annotated Sheet Showing Changes and Replacement Sheet for Fig. 3 (2 sheets)
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

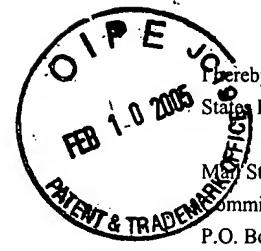
### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Kent J. Tobin		
Date	February 8, 2005	Reg. No.	39,496

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name	Eleanor J. Taylor	Date	February 8, 2005



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On February 8, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: Eleanor J. Taylor

**PATENT**  
Attorney Docket No.: A8457/T51300  
AMAT No.: 008457/DSM/BCVD/JW  
TTC No.: 016301-051300US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Nagarajan Rajagopalan et al.

Application No.: 10/783,316

Filed: February 20, 2004

For: METHODS AND APPARATUSES  
PROMOTING ADHESION OF  
DIELECTRIC BARRIER FILM TO  
COPPER

Confirmation No. 7837

Examiner: To Be Assigned

Technology Center/Art Unit: 1762

**PRELIMINARY AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Drawings** begin on page 6 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks/Arguments** begin on page 7 of this paper.

An **Appendix** including amended drawing figures is attached following page 7 of this paper.